

Title (en)  
**HINGE**

Publication  
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Application  
**EP 91907281 A 19910327**

Priority  
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Abstract (en)  
[origin: WO9115646A1] A hinge (1) for hinged elements (2 and 3) has a hinged mechanism including a pair of connecting elements (4, 5) intended for their fastening to the corresponding hinged elements (2 and 3) and interconnected by levers (6 and 7). The levers (6 and 7) are mounted with the possibility of mutual displacement in parallel planes on rotation axes (8, 9' and 8', 9) mounted on the connecting elements (4, 5). The levers (6, 7) have the same length between their rotation axes (8, 9' and 8', 9), and the locus of points, which during the mutual rotation of the connecting elements (4 and 5) is obtained by the intersection of the longitudinal axes (F1F2 and F3F4) of the levers (6 and 7) on a plane parallel to the plane of movement of the levers, forms an elliptic curve.

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IPC 8 full level  
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**E05D 3/08** (2013.01); **E05D 3/14** (2013.01); **E05F 1/1223** (2013.01); **E05F 1/1253** (2013.01)

Citation (search report)  
• [X] FR 1293576 A 19620518 - ILE D ETUDES ET DE RECH S TECH  
• [A] DE 2818735 A1 19791108 - PRAEMETA  
• [X] GB-A-Q5334 (MUSSELWHITE ET AL)  
• See also references of WO 9115646A1

Cited by  
WO9835120A1; US7565720B1; DE19704490C1; US6073673A

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**WO 9115646 A1 19911017**; AU 654126 B2 19941027; AU 7557491 A 19911030; BG 60482 B1 19950531; BG 96996 A 19931224; BR 9106286 A 19930413; CA 2079232 A1 19910928; EP 0528032 A1 19930224; EP 0528032 A4 19930714; FI 924298 A0 19920925; FI 924298 A 19920925; JP H08505191 A 19960604

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